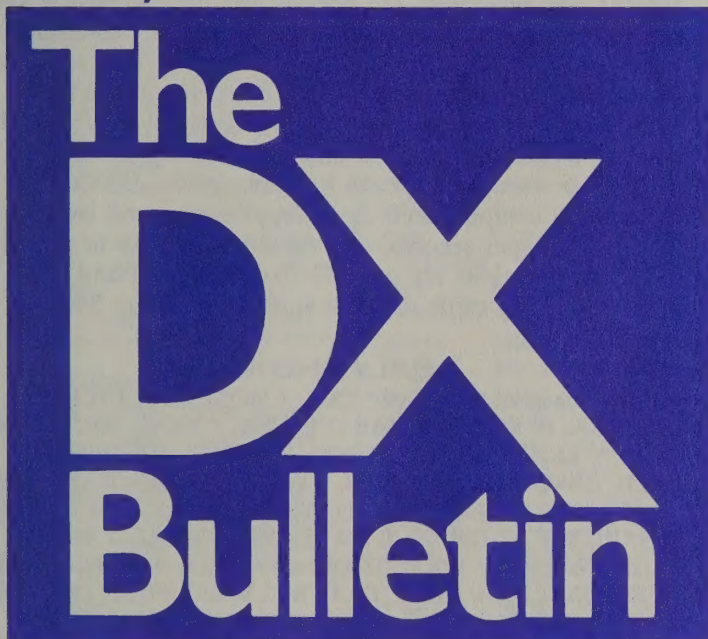


**Bhutan - A5 JA8MWU**, who has been active recently as 9N1WU, talked the Bhutan Embassy in Nepal into granting him a permit to operate amateur radio in Bhutan. However, he was unable to get to Bhutan, as the semiweekly flights were booked. He has since returned to Japan, but may try again next year. (Thanks DXNS and Japan DX News.)

### Islands On The Air

- **SM1CNS** plans an operation from Gotland Island (EU-020) May 11-15; QSL via SM0CNS. (DXLoggen.)
- **OH1MDR/p** will be active from the Turku-Pori Group (EU-096) June 4-5. QSL to OH1MDR.
- **VK4ANU/VK7** will be active from Flinders Island (OC-195) May 10-16, operated by DL8NU.
- **VK4ANU/VK8** will be on from Melville Island (OC-173) May 16-24, also operated by DL8NU.

Edited by Chod Harris VP2ML



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- **HL8A/2** and **HL8N/2** will operate from the Kang-Won-Do province group June 5-6. This will be a New One for IOTA.
- **C91AI** has plans to operate from Bazaruto Island in the Inhambane District on May 15. This should be a New One for IOTA. (DXNS.)
- **LA6LHA** aims for some Norwegian islands May 12-16. He hopes to activate at least two of the following: (EU-036), (EU-055), (EU-056), or (EU-079).
- **F/DL2RBY** and **F/DL9NCW** will operate from (EU-065), (EU-068), and (EU-094) May 25-June 2. Try 14260 kHz and 15-meter SSB. QSL to DL9NCW. They may try for other islands in the area, depending on weather.

### Shortly Noted

- **C21/ZL1AMO**: Ron Wright's operated briefly as 3D2RW between his T28RW Tuvalu stop and now Nauru. He may also shoot for Western Kiribati T30 this trip.
- **3Y0PI** QSL cards should be in the mail this week, despite the recently passing of Joanie KA6V. Gerry Branson AA6BB said he expects about 90% of the direct cards will be mailed Monday, May 9.
- **FO5VO** is Ron Weaver N6VO on Tahiti (OC-046) for several weeks, beginning May 9. Mostly CW on 80-10 meters. QSL home call. (DXNS.)
- **4U1ITU** (4U9ITU?) will be operated on May 19 by Seppo Sisatto OH1VR, Lansirinteenkatu 23, 33400 Tampere, Finland.
- **7O1AA** is often available in a list operation on 14243 kHz at 1500Z. He is very weak in North America.
- **ITU Day**, May 17, will be marked by some special call signs in Spain. With QSL routes, they are: **EG1ITU** (EA1KK); **EG2ITU** (EA2CMW); **EG3ITU** (EA3CWK); **EG4ITU** (EA4BUE); **EG5ITU** (EA5OL); **EG6ITU** (EA6YX); **EG7ITU** (EA7ABW); **EG8ITU** (EA8BGY); **EG9ITU** (EA9TG). (DXNS.)
- **P5RS7**: some additional documents have been provided to the DXCC desk. They will be reviewed after translation from Korean. Do not send in P5RS7 cards at this time.
- The declining dollar means that one US\$ is no longer sufficient for the first unit of airmail postage from Japan to the US (¥110). Use an IRC instead.
- **SSB Net** check-ins: 14226.5 kHz (11,22Z): **AH8A V85AA** **BZ5KAN** **A71AN** **JY9ZK** **T32O** **5U7Y** **7X2LS** **9G1RG** **T5/EI5C** **P29DK** **7Q7RM** **V21AK** **9Q5TR** **9M8DB** **ZK1AT** **VR6DB**; 14247 (21Z): **Z32JA** **T91ELD** **JY9ZK** **JY8HL** **YI1DZ** **VP2VF** **9G1SB** **ZP6XR**.
- **RTTY**: **Julius HA6NY** will be active as **SV9/HA6NY** May 24-31 from Crete, on 80-10 meters. Spots: **C91AI** 14083 0550Z; **5T5MS** 14087 2155Z; **XU7VK** 14085 1544Z; **Z21HD** 21086 1030Z; **J28JJ** 21070 ARQ 1425Z; **ZD7DP** 21084 1445Z; **A41KD** 21085 1555Z; **TZ6FIC** 21080 1610Z.
- **Belarus Callsigns**: The DX News Sheet reports that Serge Bandukevich of the DX Club of the Republic of Belarus has provided information on Belarus callsign structure. Most amateurs are using EU or EW prefixes, with EV calls reserved for special events. Club stations have suffixes beginning with W, X, or Z. Call areas are:
  1. Minsk City (ex-UC2A)
  2. Minsk Region (ex-UC2C)
  3. Brest Region (ex-UC2L)
  4. Grodno Region (ex-UC2I)
  5. not used
  6. Vitebsk Region (ex-UC2W)
  7. Mogilev Region (ex-UC2S)
  8. Gomel Region (ex-UC2O)
  9. not used
  0. for visiting amateurs.



## Propagation

### Forecast and Historical Data

Day Forecast	27 Days Before	55 Days Before
May 1994	Date Flux A K	Date Flux A K
13 Below Normal	4/16 82 23/29 4	3/19 89 13/15 1
14 Disturbed	4/17 82 63/130 2	3/20 89 08/11 2
15 Low Normal	4/18 84 17/19 3	3/21 91 21/27 3
16 Low Normal	4/19 85 17/16 2	3/22 91 13/18 2
17 High Normal	4/20 86 13/10 1	3/23 92 13/17 2
18 High Normal	4/21 85 13/09 2	3/24 93 16/16 2
19 High Normal	4/22 85 07/07 2	3/25 91 13/13 3
20 High Normal	4/23 85 06/09 2	3/26 89 07/09 1
21 High Normal	4/24 83 09/08 1	3/27 88 06/08 2
22 High Normal	4/25 83 06/07 2	3/28 88 07/10 2
23 High Normal	4/26 81 07/06 2	3/29 86 06/06 2
24 High Normal	4/27 78 04/05 1	3/30 86 11/12 3
25 High Normal	4/28 77 02/04 1	3/31 85 07/05 2
26 High Normal	4/29 78 05/06 1	4/1 82 05/06 2
27 High Normal	4/30 75 01/02 1	4/2 79 25/34 3
28 Disturbed	5/1 75 20/34 4	4/3 77 48/76 4
29 Disturbed	5/2 76 30/42 3	4/4 77 30/50 3

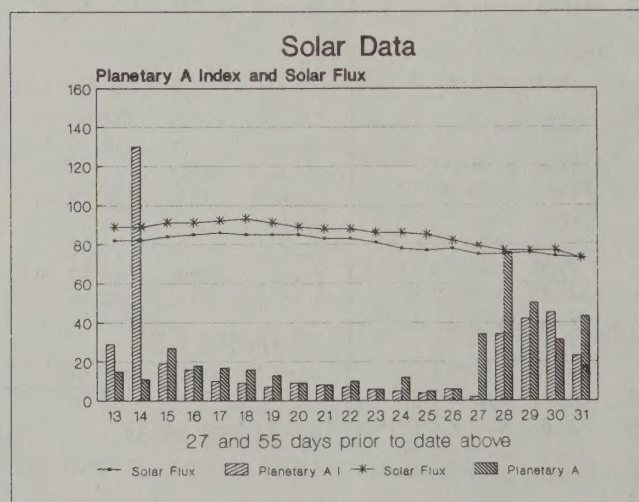
### Propagation Watch

Propagation continues to be hindered by the Killer Koronal hole. The geomagnetic field remains active, sometimes into severe storm levels. This results in weak, watery signals, increased absorption, multi-pathing, and lower maximum useable frequencies (MUFs), especially on high-latitude paths.

There are two pieces of good news. First, good propagation should return this next week, and last until about May 28th. April 30 was a great day on the bands, with excellent long-path and lang-haul propagation. May 27th should see similar conditions.

The other good news is that the Killer Koronal hole has stopped growing, and may finally begin to fade away. The geomagnetic storms have not been as severe as they were in April.

In the bad news category, solar flux remains very low, now hovering in the low 70s (minimum is around 65). This essentially eliminates openings on 10 and 12 meters, and severely limits 15-meter propagation. 17 meters is about as high as the MUF gets, with 20 meters the DX mainstay. Give the lower bands some attention when the geomagnetic field stabilizes. Good hunting!



## 1994 Massachusetts QSO Party

The 1994 Massachusetts QSO Party runs 1800Z Sat. May 21 to 0400Z Sun. May 22, and 11-2100Z Sun. May 22. Exchange RS(T) and QTH (state, province, or DXCC country, or Massachusetts county). One point per QSO on SSB, and two points for CW/digital QSOs. 50 points for MA club bonus stations. Multipliers are MA counties per band. Try 1810, 3550, 7050, 14050, 21050, and 28050 kHz on CW; 1850, 3890, 7290, 14270, 21390, and 28390 kHz on SSB. Novices try 3705, 7130, 21130, and 28130 kHz. Complete rules are available from the sponsoring Framingham Amateur Radio Association, P. O. Box 3005, Framingham MA 01701, email slm@world.std.com, or packet KA1USL@K1UGM. Long mailing deadline is June 21, to the same address.

## DXCC Processing Status

The DXCC desk made a little progress on the backlog in April, at least in terms of applications processed. They received 644 applications in April (down from 1127 in March), and processed 723, leaving 541 unprocessed at the end of the month. In terms of QSL cards, they continued to fall behind. The 644 applications received in April included 53,843 cards. They processed 52,115, leaving a backlog of 63,665 unprocessed cards, up slightly from the 61,937 at the end of March. Turn-around time has also slipped slightly, and is now about four weeks for those whose DXCC records are computerized. Some applications still await entry from paper records, and these take longer to process. DXCC applications are up 19% from last year, and the number of QSL cards in those applications is up 38%.

## QSLs Received

- From managers: 9L1CF (W5TXV, 4 MOS); C56/DL7UBA (DL7UBA, 10 MOS); CY0SAB (VE1CBK, 4 MOS); D3C (F6FNU, 3 WKS); EL2PP (N2CYL, 3 WKS); FJ/F6HWU (F6HWU, 3 WKS); HB0/DL6SDW (DL2SCJ, 2 WKS); HB0/DF3GY (DF3GY, 3 WKS); HZ1AB (K8PYD, 11 DAYS); IM0M (IK2QIN, 5 WKS); OJ0/OH2BBF (OH2BBF, 12 DAYS); PJ8H (W1AF, 7 WKS); S21ZG (W4FRU, 3 WKS); TL8NG (WA1ECA, 5 WKS); TZ6WO (WB6EQX, 1 MO); UW2F (DK4VW, 2 WKS); VI9XN (W5KNE, 5 MOS); VR2GC (G5JJ, 2 WKS); YS1X (W3HNC, 3 WKS); YS1XS (WD4PDZ, 3 WKS); ZA1B (HB9BGN, 4 MOS); ZD8LII (G0LII, 2 WKS); ZD8M (G3UOF, 2 WKS); ZD8Z (VE3HO, 10 DAYS); ZX0F (PY5EG, 3 WKS).
- Direct: 5T5SV (2 MOS); 8R1J (3 WKS); C31UA (3 MOS); IS0QDV (1 MO); KH3AF (5 WKS); SU2MT (11 WKS); T77C (3 WKS).

## QSL Information

- QSL the WPX SSB call of Z30M via the Nikola Tesla Radio Club Z37GBC, P. O. Box 71, 92000, Stip, Republic of Macedonia.
- QSL 5U7Y via Takayuki Yoshino JG3UPM, 4-1-83 Uriwari-Higashi, Hirano-Ku, Osaka 547, Japan.
- QSL Ralph Karhammar Z21HS via Box 4110, Harare, Zimbabwe, before the end of the year. As of January, 1995, QSL Ralph at 6 Seven Oaks St., Taringa Q4068, Australia.
- TI9JJJ has a new QSL address: Office Box Acct 321 CR, 3900 NW 79th Ave., Suite 564, Miami FL 33166.
- QSL VP2E/JA1CMD via the JARL bureau to JA1CMD, or direct to Kazu Mayimore, c/o Furukawa, 200 Westpark Dr., Suite 190, Peachtree City GA 30269.



# B • A • N • D • P • A • S • S

Key to Bandpass: Callsign, frequency, UTC, day of the month, state. \* = long path. P = packet.  
All "portable" calls listed with country of operation first, regardless of format used on the air.

S	M	T	W	T	F	S
24	25	26	27	28	29	30
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28

## RTTY

4L1BR	14088	1951	25	MN
9A3TB	14089	1457	25	MN
GW0HUT	14092	1916	25	MN
LY1BZB	14083	1550	23	ID
LY1DD	14083	1655	30	MN
LZ1ZIA	14091	1903	25	MN
SM7DLZ	14089	1941	25	MN
SP7IIT	14088	1719	30	MN
SV1ADG	14085	2029	25	MN
Ti2CBJ	14090	0302	3	ID
TU4EI	14087	2259	6	FL
UY0IO	14089	1907	25	MN
XU7VK	14085	1635	30	MN

## 80 Meters

EA8CN	3512	0141	6	FL
HP2CWB	3503	0955	23	NH
JA1CGM	3504	1000	24	NH
JA1PMN	3505	0955	30	NH
JA8DNV	3501	1010	24	NH
LU8HF	3505	0950	26	NH
OY1CT	3505	0329	30	MA
VK6WJ	3505	0950	24	NH
VP2V/	3506	2357	6	FL
DK7PE				
ZL3NE	3503	0950	30	NH

## 75 Meters

CX6CG	3795	0920	23	NH
EA9LZ	3800	0442	30	MA
FG5FC	3799	0030	1	MN
HK4DHR	3799	0925	23	NH
TI4CF	3795	1020	30	NH
XE1O	3794	0545	27	CA

## 40 Meters

3B8CF	7006	0240	1	IA
5W1GC	7006	0806	24	WI
5W1GC	7007	1200	3	IA
7P8SR	7001	2340	30	IA
9M2FK	7007	1448	2	ID
C53HG	7010	2246	24	NH
EA8CN	7001	0121	6	FL
EO50F	7014	0130	1	IA
ES5QA	7007	0245	1	IA
HJ0VGJ	7007	1135	7	FL
HT1T	7003	0019	25	FL
JW0H	7004	0240	22	VA
PY0TUP	7009	0140	6	FL
RA3DIT	7004	0448	29	MA
S92SS	7009	2350	30	IA
SV1AOZ	7006	0000	1	IA
T97T	7008	0330	29	SC
UT2XU	7021	0225	1	IA
V73C	7017	1020	22	VA
VK7VB	7005	1130	1	MA
YS1DRF	7003	0105	1	IA
ZK2DX	7003	1054	24	FL

## 30 Meters

4K9W	10107	0227	27	SC
4X4DK	10101	0426	26	MA
5B4OG	10105	0156	25	FL
6W1/	10100	2357	5	FL
F5PHW				
9K2MU	10107	2109	21	NH
EA8CN	10101	2253	6	FL
ES7NY	10102	0415	26	SC
HK0ER	10105	0120	2	CA
HR1LW	10106	1157	1	GA
OH2MCN	10116	0417	27	OR
RX0UN	10105	0407	26	SC
S51UF	10107	0314	1	SC
SV1AOW	10101	0414	26	SC
UE9WAA	10102	0229	24	SC
VP2V/	10107	2135	5	FL
DK7PE				
VP8GAV	10110	0110	20	WI

## 20 Meter CW

3B8FG	14012	1227	28	VA
4J3M	14015	2045	24	SC
4K8F	14021	2345	28	FL
4N70DX	14019	2250	29	MI
5N0/	14014	1947	19	WI
DL9GMM				
6W1/	14016	2319	26	WI
F5PHW				
7X4AN	14009	2306	27	WI
9K2MU	14024	1910	25	IL
9M2AX	14024	1535	29	CA
A71AN	14007	2131	29	WI
BV2BI	14005	1229	30	VA
BV4JB	14038	1257	30	VA
EO5OJS	14012	1400	1	FL
ER3MM	14008	2015	30	IA
ER5AL	14023	2039	30	NH
ES1WN	14015	1415	1	FL
ES4DX	14019	1558	24	WI
ET3YU	14022	2130	29	NH
EU7SA	14010	1527	30	FL
EV3TK	14019	2209	25	VA
EX8W	14017	0011	28	VA
EY8JA	14004	2327	28	FL
FO0RYD	14030	0252	29	MA
HK0ER	14017	2220	25	MI
HL3IW	14007	0042	29	MI
HS0ZAA	14020	1528	30	CA
HS3DF/1	14045	1610	29	CA
HT1T	14026	0048	1	GA
KH8BB	14050	1205	21	VA
LX2DX	14009	2015	30	IA
LZ1YE	14023	2230	28	MI
OY1G	14005	1112	30	VA
PJ2LC	14033	2314	28	FL
PY0TUP	14030	0012	27	FL
PY0ZFB	14001	2320	30	FL
PZ1AP	14014	0145	28	CA
R1FJC	14021	2035	30	IA
R1FJL	14008	1735	29	CA
S50A	14025	1940	28	MI

S52LD	14010	2220	28	MI
SV1AM	14011	1928	25	IL
SV1BSX	14019	2330	28	FL
T30RT	14007	1222	22	VA
T92A	14010	2120	29	NH
TR8XX	14018	2000	30	IA
TU4EI	14010	2350	6	FL
UA0QFC	14023	0300	26	IA
UK8AQ	14007	0320	27	IA
UK8QU	14018	0333	1	IA
UN7CAV	14012	0247	28	IA
UN7CG	14008	0316	26	IA
UN7JID	14022	0030	27	FL
UX0UN	14019	2030	30	IA
V44KAI	14029	0111	28	CO
V73C	14036	1128	24	VA
VK7LF	14060	0555	30	OR
VP5P	14012	1836	1	NH
Y19CW	14007	2021	29	VA
YS1DRF	14007	0155	27	CA
Z21HS *	14021	1540	29	CA
Z31FK	14005	1909	25	MI
ZB2FK	14022	2145	1	IA
ZP5LOB	14020	0203	3	ID

## 20 Meter SSB

4J3M	14180	2048	23	NS
4L4KK	14186	2229	28	NS
4S7DA	14190	1114	26	AL
4X4MU	14317	1956	2	SC
5U7Y	14222	2200	29	WI
7O1AA	14266	2040	21	NS
9G1NS	14183	0025	26	CA
9G1RZ	14237	2005	29	NS
9K2HN	14183	2138	27	WI
9K2MU	14193	2229	29	NC
9K2WA	14195	2355	27	WI
9K2ZM	14193	2240	28	NS
A45ZX	14188	0330	28	IA
A71AN	14185	2240	29	NC
A71BV	14212	2245	26	MD
AP2AGJ	14190	1916	22	NS
D2EGH	14190	2032	21	NS
DU1PX	14196	1342	30	IA
EX0M	14208	0151	21	VA
EZ5AA	14253	1954	24	MA
FO0SST	14260	0344	27	WI
FY5GJ	14190	0244	21	VA
HS0/	14188	1336	30	IA
G4UAV				
HS3DF/1	14205	1537	30	CA
KG4CC	14263	0115	30	MA
RW3TT/0	14220	1238	28	MA
S01M	14222	2151	29	NS
S21AM	14228	1429	30	CO
S21ZG	14178	1430	30	CO
S59EA	14195	1815	29	CA
S79CK/C	1263	2252	7	FL
SV2ASP/A	14239	2210	25	VA
TA2II	14216	1900	22	NS
TI2JJP	14213	0004	30	MD
TK5MH	14192	2215	27	CO
TU2JL	14260	2230	25	WI
TU4EI	14214	2257	26	NC

UA0KBZ/0	14260	1349	30	MA
UK8BJ	14180	0344	1	IA
UR5MAF	14218	1525	28	CA
V31JU	14225	2344	27	MD
V44KBC	14229	2056	23	NS
V63SD	14179	0336	30	IA
V63SD	14200	1405	30	MA
V73OZ	14227	1507	25	WI
V85HG	14223	1424	30	CO
VK3MO *	14168	2235	29	NC
VP2EE	14227	0140	28	CA
YB0ARN	14183	1500	19	WI
Z32JA	14211	2355	27	MD
Z32ZM	14247	2050	29	CA
ZY0ZFM	14195	2350	23	FL

## 17 Meter CW

3V8AS	18070	1324	25	NS
4K8F	18077	1249	25	MA
5Z4FM	18084	1853	30	MA
9A2LH	18072	1412	30	IA
9K2MU	18078	1639	30	MD
ON4VM	18072	1351	24	FL
UE9WAA	18073	1326	25	NS
ZL2AGY	18070	2033	29	SC

## 17 Meter SSB

CT1EHI	18122	2300	27	MD
CU3GD	18150	2308	27	MD
FY5GF	18149	1135	23	NS
GD4WBY	18147	1307	28	NS
SV9CVN	18145	1247	22	NS
ZB2GR	18158	1338	25	NS

## 15 Meter CW

5W1GC	21034	0106	1	IA
9Q5FHI	21016	1942	25	NC
9Y4VU	21025	2027	24	FL
EA8ABF	21120	1940	27	MD
EA8AF	21020	2151	26	FL
HJ0VGJ	21025	1835	26	MI
HJ0VGJ	21026	2208	27	FL
HT1T	21026	1630	30	GA
PZ1DY	21027	2147	26	FL
ZP5LOB	21007	1901	1	NH

## 15 Meter SSB

D2EGH	21197	1555	1	NC
OD5RI	21243	1852	30	NC
S92YL	21270	2058	30	NC
VK5AQZ	21343	0115	28	NC
VP5VLY	21252	2320	27	MD
VR6TC	21348	1730	29	CA
ZS6A00	21273	1615	27	NJ
ZS6BOK	21288	1546	27	NJ

## 12 Meter SSB

OA4CJO	24950	1950	24	SC
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## 10 Meter SSB

A35CT	28506	2325	24	CO
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## Current and Future DXpeditions

(Changes and hot info in boldface.)

<u>DXCC Country</u>	<u>Prefix Callsign</u>	<u>Dates</u>	<u>Issue</u>
Anguilla	VP2E/JA1CMD	May 13-16	I736
Antarctica	VP8GAV	3503/0515Z+	I735
	4K1D	14188 1820Z	I737
Aruba	P4 P40W	WPX CW	I735
Barbados	8P 8P9GQ	May 14-June 4	I735/6
Bermuda	VP9/ K1EFI	May 12-20	I732
	VP9/WB1BRE	May 13-26	I736
Cambodia	XU XU7UK	to Feb. '95	I724
	XU0HW/XU9HA	May 5-19	I726
Central Kiribati	T31 DL9KU	May 17-18	I737
Corsica	TK/ IK4s	May 19-23	I735
Faroes	OY OY1CT	WPX CW	I737
French Polynesia	FO FO5VO	to June	I738
Iraq	YI9CW	18074 14-16Z	I732
ITU HQ	4U9ITU	May 24-28	I734
	4U9ITU	May 20-22	I736
	4U1ITU	May 19	I738
Jamaica	6Y5/ KF9PL	May 25-30	I734
Kerguelen	FT FT5XJ	14188 18Z	I737
Liechtenstein	HB0/DJ2XS	May 22-23	I734
	HB0/DL8DBR	May 12-15	I737
Malta	9H PAs	June 24-July 4	I736
Marianas	KH0/ KH2GR+	May 26-30	I735
Marion Island	ZS8MI	leaving soon	I737
Market Reef	OJ0/ OHs+	May 15-19	I735
Micronesia	V6 V63s	June 8-17	I735
Nauru	C21/ZL1AMO	now active	I738
Niger	5U 5U7Y	now active	I726
Nigeria	5N0/DL9GMM	to Dec.	I731
	5N/F6BLQ?	May	I736
North Cooks	ZK1AT	3784 07Z Sun.	I729
Pakistan	AP AP2MIZ	21270/11Z	I730
	AP2JZB	21295/12Z	I730
Rodriguez Island	3B 3B9FR	new bands	I711
St. Eustatius	PJ5/K3UOC	May 24-31	I733
St. Paul Island	CY9/ Ws	June 10-19	I736
St. Maarten	PJ7/WB2CHO	May 24-29	I733
	PJ7/OH2LVG	May 26-30	I734
Saudi Arabia	HZ HZ1AB	1832± 02Z Fri.	I721
Sri Lanka	4S7/ON4IPA	to August	I736
Svalbard	JW JW5EBA	Jan.-June	I719
Tajikistan	EY EY8MM	3505/3795 02Z	I729
Tonga	A3 A35RK	May 5-June 4	I736
Trindade Island	PY0 PY0TUP	Apr.-Aug.	I731
Western Samoa	5W DL9KU	May 14-16	I737
Yemen	7O 7O1AA	14243 1500Z	I738
Zambia	9J2BO	24900 1530Z	I720

## Operating Events and DX Gatherings

<u>Dates</u>	<u>Event</u>	<u>Reference:</u>
May 14-15	CQ M Contest	<u>CQ</u>
May 28-29	CQWW WPX CW Contest	<u>CQ</u>
June 11-12	ANARTS RTTY Contest	<u>Digital Journal</u>
June 18-19	All Asian CW DX Contest	<u>CQ</u>

## Resident Amateurs on Regularly

<u>DXCC Country</u>	<u>Callsign</u>	<u>Freq.</u>	<u>UTC</u>
80 Meters	ZL3NE	3503	0950Z
80 Meters	LU8HF	3505	0950Z
Algeria	7X4AN	14013±	2300Z+
Angola	D2EGH	14191	2030Z+
Azerbaijan	4J3M	14180	2100Z
Bosnia-Herzegovina	T97T	7008	0330Z
El Salvador	YS1DRF	7010±	0100Z
Gambia	C53HG	7010	2300Z
Ivory Coast	TU4EI	14200±	2300Z
Kenya	5Z4FM	18082±	1900Z
Kuwait	9K2MU	14192	2000Z Fri.
Kuwait	9K2MU	14020	1900Z
Marshall Islands	V73C	7015±	1030Z
Mt. Athos	SV2ASP/a	14215±	2200Z
Nigeria	5N0/DL9GMM	14014	2000Z



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Senegal	6W1/F5PHW	14015	2300Z
Slovenia	S51UF	10110±	0300Z+
Thailand	HS0ZAA	14025±	1530Z
West Malaysia	9M2AX	14025	1530Z+

## Contributors

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